

Appl. No. 10/059,429
 Amendment and Terminal Disclaimer
 Reply to final Office action of 10 September 2003

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Amendments to the Specification:

Please replace the paragraph beginning at page 2, line 19
 with the following rewritten paragraph:

It is particularly advantageous that the phosphor has the composition
 $(\text{Ba}_{1-x-y}\text{Sr}_x)(\text{Mg}_{1-z}\text{Co}_z)_o\text{Al}_p\text{O}_q:\text{Eu}_y$ with $0 \leq x < 1$, $0.01 \leq y \leq 0.40$, $0 \leq z < 1$, $0 < z < 1$,
 $o =$ chosen from the groups 1 and 3, $p =$ chosen from the groups 10 and 14, and $q =$
 chosen from the groups 17 and 23.

Please replace the paragraph beginning at page 2, line 32
 with the following rewritten paragraph:

The invention further relates to a phosphor with the composition
 $(\text{Ba}_{1-x-y}\text{Sr}_x)(\text{Mg}_{1-z}\text{Co}_z)_o\text{Al}_p\text{O}_q:\text{Eu}_y$ with $0 \leq x < 1$, $0.01 \leq y \leq 0.40$, $0 \leq z < 1$, $0 < z < 1$,
 $o =$ chosen from the groups 1 and 3, $p =$ chosen from the groups 10 and 14, and $q =$
 chosen from the groups 17 and 23.

Please replace the paragraph beginning at page 4, line 4
 with the following rewritten paragraph:

The blue-emitting intrinsically pigmented phosphor used may be, for example,
 $(\text{Ba}_{1-x-y}\text{Sr}_x)(\text{Mg}_{1-z}\text{Co}_z)_o\text{Al}_p\text{O}_q:\text{Eu}_y$ with $0 \leq x < 1$, $0.01 \leq y \leq 0.40$, $0 \leq z < 1$, $0 < z < 1$,
 $o =$ chosen from the groups 1 and 3, $p =$ chosen from the groups 10 and 14, and $q =$
 chosen from the groups 17 and 23. Preferably, $\text{Ba}_{0.9}(\text{Mg}_{0.99}\text{Co}_{0.01})\text{Al}_{10}\text{O}_{17}:\text{Eu}_{0.1}$ or
 $\text{Ba}_{0.9}(\text{Mg}_{0.99}\text{Co}_{0.01})_3\text{Al}_{14}\text{O}_{23}:\text{Eu}_{0.1}$ is used.